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# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

THE COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

In re the patent application of:

Korelsky et al.

For:

Linguistic Assistant for Domain Analysis

Filed:

May 31, 2001

Application No.:

Art Unit:

Attorney Docket No.:

CO2-3

## INFORMATION DISCLOSURE STATEMENT

# List of Sections Forming Part of This Information Disclosure Statement

The following sections are being submitted for this information Disclosure Statement

<ul> <li>2. [X] FORM PTO - 1449 (Modified)</li> <li>3.  Statement As To Information Material To Examination Not Found in Patents or Publications</li> <li>4.  Identification of Prior Application In Which Listed Information Was Already Cited and For Which No Concrete Are Submitted Or Need Be Submitted.</li> <li>5.  Cumulative patents or Publications</li> <li>6. [X] Copies of Listed Information Items Accompanying This Statement</li> <li>7.  Concise Explanation of Non-English Language Listed Information Items.</li> <li>8.  Translation(s) of Non-English Language Documents</li> <li>9.  Certification under MPEP 609(e)</li> <li>10. [X] Identification of Person(s) Making This Information Disclosure Statement</li> <li>Express</li> <li>[X] Certified Mail No:  EL 63758 ≤ 19C Date:  S-31-61</li> <li>Thereby certify that this correspondence is being deposited with the United States Postal Service, return receipt requested in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231 on this date.</li> </ul>	
4. ☐ Identification of Prior Application In Which Listed Information Was Already Cited and For Which No Coare Submitted Or Need Be Submitted.  5. ☐ Cumulative patents or Publications  6. [X] Copies of Listed Information Items Accompanying This Statement  7. ☐ Concise Explanation of Non-English Language Listed Information Items.  8. ☐ Translation(s) of Non-English Language Documents  9. ☐ Certification under MPEP 609(e)  10. [X] Identification of Person(s) Making This Information Disclosure Statement    Explans   Section   Section	
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Judy H. Barron	

## Section 1. Preliminary statements

considered to be material:

Applicant submits herewith patents, publications or other information of which he is aware, which he believes may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR 1.56.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 CFR 1.56(g)), an admission that the information cited is, or is considered to be, material to patentability or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

#### Section 2. Form PTO - 1449 (Modified) (SEE ATTACHMENT)

- \*EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw a line through citation if not in conformance or not considered. Include a copy of this form with the next communication to applicant.
- Secti n 3. Statement As To Information Material For Examination Not Found in Patents or Publications (Information not listed in PTO 1449)
- Section 4. Identification of Prior Application in Which Listed Information Was Already Cited and For

Which No Copies Are Submitted Or Ne	ed Be Submitted
Section 5. Cumulative Patents or Publications	
☐ Item(s)  are cumulative of the following patents or	publication listed on Form PTO 1449 (modified):
In accordance with 37 CFR 1.98(c) a copy of	is being submitted with this information disclosure statement.
Section 6. Copies of Listed Information Items	Accompanying This Statement
Legible copies of all items listed accompany this in	formation statement.
Exception(s) to above:	
☐ Items in prior application from which as identified in Section 4. ☐ Cumulative patents or publications iden	n earlier filing date is claimed for this application as attified in Section 5.
Section 7. Concise Explanation of Non-English	Language Listed Information Items
Section 8. Translation(s) of Non-English Lang	uage Documents
Submitted herewith is an English transla	ation of the following foreign language patents,

publications or information or of those portions of those patents, publications or information

parts thereof are readily available, except for those listed above.

No English language translations of the foreign language patents, publications or information or

The following foreign language documents submitted are believed to be the equivalent or substantial equivalent of the English language documents identified below, which are also submitted herewith.
Section 9. Certification under Rule 1.97
The undersigned hereby certifies that:
a. This Statement is being filed after the latest of (1) three months after the filing date of a national application; (2) three months after the date of entry of the national stage as set forth in w 1.491 in ar international application; (3) the mailing date of a first Office action on the merits.
b. The fee set forth in §1.17(p)
☐ Is being paid with this Information Disclosure Statement
☐ Is not due because: ☐ (1) Each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the statement, or ☐ (2) No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the statement.
Section 10. IDENTIFICATION OF PERSON(S) MAKING THIS INFORMATION DISCLOSURE STATEMENT
The person making this statement is
(a) the inventor(s) who signs below
(b) [X] the attorney who signs below on the basis of:  the information supplied by the inventor(s)  an individual associated with the filing and prosecution of this application (37 CFR 1.56(c)).  [X] the information in the attorney's file
Michael F. Brown, Registration No. 29,619 BROWN & MICHAELS, PC 400 M&T Bank Building, 118 N. Tioga Street Ithaca, New York 14850-4343 Voice: (607) 256-2000 Fax: (607) 256-3628

e-mail: bpm@bpmlegal.com Customer number: 020808



# Section 2. Form PTO - 1449 (Modified) (ATTACHMENT)

FORM PTO-1449 U.S. DEPT. OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO. CO2-3	SERIAL NO.
	APPLICANT Korelsky et al.	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE May 31, 2001	GROUP

## **U.S. PATENT DOCUMENTS**

Exam Initial	DOCUMENT NUMBER	DATE	PATENTEE	CLASS	SUB	FILING DATE IF APPROPR

# FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Exam Initial	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB	TRANSLATION YES   NO

## OTHER PRIOR ART

Exam Initial		Author, Title, Date, Pertinent Pages, Etc .		
	AA	Burg, J.F.M. and van de Riet, R.P. (1996) Analyzing Informal Requirements Specifications: A First Step towards Conceptual Modeling, In <i>Proceedings of the 2<sup>nd</sup> International Workshop on Applications of Natural Language to Information Systems</i> , R.P. van de Riet, J.F.M. Burg, and A.J. van der Vos, (eds), Amsterdam, The Netherlands. IOS Press, 1996, pp. 15–27.		
,	AB	Chen, Peter Pin-Shan, "English Sentence Structure and Entity-Relationship Diagrams", Elsevier Science Publishing Co. Inc., 1983, pp. 127-149		
	AC	Hoppenbrouwers, J., van der Vos, B., and Hoppenbrouwers, S. (1996) NL Structures and Conceptual Modelling: The KISS Case. In <i>Proceedings of the 2<sup>nd</sup> International Workshop on Applications of Natural Language to Information Systems</i> , R.P. van de Riet, J.F.M. Burg, and A.J. van der Vos, (eds), Amsterdam, The Netherlands. IOS Press, 1996, pp. 197–209.		
	AD	Korelsky, T., Lavoie, B., Overmyer, S. (2000) Linguistic Assistant for Domain Analysis (LIDA), Air Force Research Laboratory Technical Report AFRL-IF-RS-TR-2000-90, June 2000.		
	AE	Lavoie, B., Rambow, O.and Reiter, E. (1996) The ModelExplainer. In <i>Demonstration Notes of the International Natural Language Generation Workshop (INLG-96)</i> , Herstmonceux Castle, Sussex, UK, 1996, pp. 9–12.		
	AF	Lavoie, B., Rambow, O. and Reiter, E. (1997) Customizable escriptions of Object-Oriented Models, Proceedings of the 5 <sup>th</sup> Conference on Applied Natural Language Processing, Washington, DC.,1997, pp. 265–268.		
	AG	Miller, G. A., Beckwith, R., Fellbaum, C., Gross, D. and Miller, K. J. (1990) Introduction to WordNet: an on-line lexical database. In: <i>International Journal of Lexicography</i> 3 (4), 1990, pp. 235–244.		
EXAMI	NER	DATE CONSIDERED		